

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3662	83/171,124,128,15,16,170,128,129, 130,131,132,133,134,135,136,137, 138,182,699.31.699.41.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:00
L2	7508	264/154,138,153,154,155,237,319, 348,157.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:20
L3	1923	425/289,384.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:20
L4	6188	156/250,251,252,510,515.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:21
L5	2152	29/464,465,466,467,468.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:21
L6	21023	1 or 2 or 3 or 4 or 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:21
L7	1427	6 and knife and heat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:22

## EAST Search History

L8	3888	83/171,124,128,15,16,170,128,129, 130,131,132,133,134,135,136,137, 138,182,699.31,699.41,123.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:00
L9	380	8 and heat same (knife or blade)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:16
L10	44	83/171,170,182,123,16,699.31.ccls.	US-PGPUB	OR	ON	2006/09/18 18:17
L11	8	29/465.ccls.	US-PGPUB	OR	ON	2006/09/18 18:17
L12	155	264/138,157.ccls.	US-PGPUB	OR	ON	2006/09/18 18:17
L13	207	10 or 11 or 12	US-PGPUB	OR	ON	2006/09/18 18:17
S1	36	(conductive near material) same sensing same absence	US-PGPUB; USPAT	OR	ON	2004/09/03 19:59
S2	0	"83"/\$.ccls. and (conductive near (material or plate)) same sensing same absence	US-PGPUB; USPAT	OR	ON	2004/09/03 20:00
S3	0	"83"/\$.ccls. and (conductive near (material or plate or sheet)) same sensing same absence	US-PGPUB; USPAT	OR	ON	2004/09/03 20:00
S4	0	"83"/\$.ccls. and (conductive near4 (material or plate or sheet)) same sensing same absence	US-PGPUB; USPAT	OR	ON	2004/09/03 20:01
S5	0	"83"/\$.ccls. and (conductive near4 (material or plate or sheet)) same sensing same (absence or presence)	US-PGPUB; USPAT	OR	ON	2004/09/03 20:01
S6	0	"83"/\$.ccls. and (conductive same (material or plate or sheet)) same sensing same (absence or presence)	US-PGPUB; USPAT	OR	ON	2004/09/03 20:01
S7	0	"83"/\$.ccls. and (conductive same (material or plate or sheet or metal)) same sensing same (absence or presence)	US-PGPUB; USPAT	OR	ON	2004/09/03 20:02
S8	0	"83"/\$.ccls. and (conductive same (material or plate or sheet or metal)) same sensing same (absence or presence)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/03 20:03

## EAST Search History

S9	234	"83"/\$.ccls. and (conductive near (material or plate or sheet or metal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/03 20:03
S10	18	"83"/\$.ccls. and (conductive same (material or plate or sheet or metal)) same sensing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/03 20:12
S11	231	"29"/\$.ccls. and (conductive same (material or plate or sheet or metal)) same sensing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/03 20:13
S12	115	"29"/\$.ccls. and (conductive near (material or plate or sheet or metal)) same sensing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/03 20:14
S13	11	"29"/\$.ccls. and (conductive near (material or plate or sheet or metal)) same sensing same (blade or cut\$4 or knife or die)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/03 20:18
S14	185	(conductive near (material or plate or sheet or metal)) same sensing same (blade or cut\$4 or knife or die)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/03 20:20
S15	81	(conductive near (material or plate or sheet or metal)) same sensing same (blade or cut\$4 or knife or die) and (absence or presence)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/03 20:21
S16	2982	die and board and heat and press and plastic	US-PGPUB; USPAT	OR	OFF	2004/09/02 13:56
S17	1	83/171.ccls. and die and board and heat and press and plastic	US-PGPUB; USPAT	OR	OFF	2004/09/02 13:57
S18	52	83/171.ccls. and die	US-PGPUB; USPAT	OR	OFF	2004/09/02 13:57
S19	13	"83"/\$.ccls. and die and board and heat and press and plastic	US-PGPUB; USPAT	OR	OFF	2004/09/02 14:02
S20	14	"83"/\$.ccls. and die and heat and plastic near (cut\$4 or trim\$4)	US-PGPUB; USPAT	OR	OFF	2004/09/02 14:03
S21	13	"4730761".URPN.	USPAT	OR	OFF	2004/09/02 14:07
S22	4	("3088353"   "3477322"   "4108343"   "4233801").PN.	USPAT	OR	OFF	2004/09/02 14:08

## EAST Search History

S23	642	83/171.ccls.	US-PGPUB; USPAT	OR	OFF	2004/09/02 15:32
S24	8	"4051754".URPN.	USPAT	OR	OFF	2004/09/02 14:47
S25	7	("2244550"   "2611434"   "3491651"   "3517410"   "3525279"   "3654829"   "3793424").PN.	USPAT	OR	OFF	2004/09/02 14:48
S26	14	"2244550"	US-PGPUB; USPAT	OR	OFF	2004/09/02 14:52
S27	13	"3587377".URPN.	USPAT	OR	OFF	2004/09/02 15:00
S28	6	"3793424"	US-PGPUB; USPAT	OR	OFF	2004/09/02 15:10
S29	16	"3654829"	US-PGPUB; USPAT	OR	OFF	2004/09/02 15:21
S30	3	"5140133".URPN.	USPAT	OR	OFF	2004/09/02 15:12
S31	9	("3525279"   "3654829"   "3687789"   "3822164"   "3876858"   "3902042"   "4093491"   "4414872"   "4449434").PN.	USPAT	OR	OFF	2004/09/02 15:13
S32	12	"3517410"	US-PGPUB; USPAT	OR	OFF	2004/09/02 15:25
S33	8	"3491651"	US-PGPUB; USPAT	OR	OFF	2004/09/02 15:25
S34	0	83/171,124,128,15,16,170.ccls. and die and heat and dtop	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:37
S35	13	83/171,124,128,15,16,170.ccls. and die and heat and stop	US-PGPUB; USPAT	OR	OFF	2005/06/23 10:11
S36	66	83/171,124,128,15,16,170.ccls. and die and heat	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:03
S37	7	"4951537".URPN.	USPAT	OR	OFF	2004/09/02 15:41
S38	3	("3564959"   "3570343"   "4774865").PN.	USPAT	OR	OFF	2004/09/02 15:42
S39	14	"3570343".URPN.	USPAT	OR	OFF	2004/09/02 15:43
S40	5	("1428174"   "2579940"   "3107567"   "3111053"   "3119292").PN.	USPAT	OR	OFF	2004/09/02 15:43
S41	14	"3570343".URPN.	USPAT	OR	OFF	2004/09/02 15:46
S42	5	("1428174"   "2579940"   "3107567"   "3111053"   "3119292").PN.	USPAT	OR	OFF	2004/09/02 15:46
S43	716	264/157,138,153,154,155,237,319, 348,157.ccls. and die and heat	US-PGPUB; USPAT	OR	OFF	2004/09/02 16:03
S44	1	83/124.ccls. and die and heat and stop	US-PGPUB; USPAT	OR	OFF	2004/09/02 16:24
S45	28	83/124.ccls. and die	US-PGPUB; USPAT	OR	OFF	2004/09/02 16:47

## EAST Search History

S46	0	"20010039865".URPN.	USPAT	OR	OFF	2004/09/02 16:44
S47	74	die and (heat near band)	US-PGPUB; USPAT	OR	OFF	2004/09/02 16:49
S48	28	die same (electric near heat)	US-PGPUB; USPAT	OR	OFF	2004/09/02 16:52
S49	0	(die or knife) same (heat near elemnet)	US-PGPUB; USPAT	OR	OFF	2004/09/02 16:53
S50	87	(die or knife) same (heat near element)	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:08
S51	0	"6065953".URPN.	USPAT	OR	OFF	2004/09/02 17:05
S52	2	("4830595"   "4842504").PN.	USPAT	OR	OFF	2004/09/02 17:05
S53	2	("4830595"   "4842504").PN.	USPAT	OR	OFF	2004/09/02 17:07
S54	276678	plastic and heat	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:08
S55	905	"83"/\$.ccls. and plastic and heat	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:08
S56	235	"83"/\$.ccls. and plastic and heat and die	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:13
S57	56	"83"/\$.ccls. and heat and (die near plate)	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:14
S58	2	"4431172".URPN.	USPAT	OR	OFF	2004/09/02 17:18
S59	15	("0722875"   "1777130"   "2352911"   "2744796"   "3030642"   "3108502"   "3347158"   "3428303"   "3490757"   "3730039"   "3906552"   "4020929"   "4094330"   "4174098"   "4311086").PN.	USPAT	OR	OFF	2004/09/02 17:19
S60	0	83/128.ccls. and die and heat and dtop	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:37
S61	3	83/128.ccls. and die and heat and stop	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:37
S62	170	83/128.ccls.	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:37
S63	8	"4051754".URPN.	USPAT	OR	OFF	2004/09/02 17:54
S64	129	83/15.ccls.	US-PGPUB; USPAT	OR	OFF	2004/09/02 17:55
S65	0	83/138.ccls. and die and heat	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:03
S66	27	83/138.ccls. and die	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:08
S67	520880	"83"/(128-138).ccls. and die	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:09
S68	41170	"83"/(128-138.ccls.) and die	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:09

## EAST Search History

S69	211	83/128-138.ccls. and die	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:37
S70	16	83/129.ccls. and die	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:38
S71	0	knife same dei same press and plate and stop and heat	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 18:39
S72	58	knife same die same press and plate and stop and heat	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 18:40
S73	3304	(die near press) and heat	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 18:40
S74	212	(die near press) and heat and knife and plate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 18:42
S75	2466	(die near press) and plastic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 18:50
S76	32	83/171.ccls. and die	USOCR	OR	ON	2004/09/02 18:52
S77	26	83/170.ccls. and die	USOCR	OR	ON	2004/09/02 18:54
S78	7	"2425388".URPN.	USPAT	OR	OFF	2004/09/02 18:53
S79	48	83/128.ccls. and die	USOCR	OR	ON	2004/09/02 18:58
S80	26	83/129.ccls. and die	USOCR	OR	ON	2004/09/02 19:05
S81	6	83/130.ccls. and die	USOCR	OR	ON	2004/09/02 19:05
S82	8	83/131.ccls. and die	USOCR	OR	ON	2004/09/02 19:05
S83	12	83/132.ccls. and die	USOCR	OR	ON	2004/09/02 20:17
S84	16	"83"/\$.ccls. and (knife or blade or die) same (heat near (strap or band or element))	USOCR	OR	ON	2004/09/02 20:31
S85	2	"2706238".URPN.	USPAT	OR	OFF	2004/09/02 20:27
S86	9	"4896019".URPN.	USPAT	OR	OFF	2004/09/02 20:27
S87	593	(knife or blade or die) same (heat near (strap or band or element))	USOCR	OR	ON	2004/09/02 20:31

## EAST Search History

S88	6	"83"/\$.ccls. and (knife or blade or die) same (heat near (strap or band or element))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 20:33
S89	635	(knife or blade or die) same (heat near (strap or band or element))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 21:13
S90	22	"5665262".URPN.	USPAT	OR	OFF	2004/09/02 20:47
S91	81	("1771366"   "1968509"   "2057353"   "2104266"   "2442004"   "2971039"   "2974669"   "3200819"   "3255760"   "3363633"   "3402723"   "3482580"   "3608560"   "3738374"   "3744496"   "3804100"   "3889690"   "4016061"   "4068672"   "4077784"   "4131119"   "4141369"   "4164230"   "4193411"   "4215708"   "4219032"   "4246913"   "4256945"   "4259970"   "4303083"   "4319591"   "4393884"   "4431903"   "4436100"   "4463247"   "4503319"   "4505282"   "4507394"   "4562337"   "4570646"   "4580583"   "4621649"   "4623401"   "4637407"   "4659680"   "4659912"   "4732168"   "4735217"   "4771796"   "4776353"   "4788077"   "4837421"   "4846199"   "4848376"   "4874924"   "4877989"   "4891343"   "4922901"   "4945931"   "4947874"   "4947875"   "4966171"   "4981522"   "4991606"   "5040552"   "5060671"   "5076296"   "5093894"   "5095921"   "5144962"   "5157242"   "5159940"   "5224498"   "5235157"   "5249586"   "5274214"   "5285050"   "5322075"   "5353813"   "5369723"   "5388594").PN.	USPAT	OR	OFF	2004/09/02 20:48

## EAST Search History

S92	81	("1771366"   "1968509"   "2057353"   "2104266"   "2442004"   "2971039"   "2974669"   "3200819"   "3255760"   "3363633"   "3402723"   "3482580"   "3608560"   "3738374"   "3744496"   "3804100"   "3889690"   "4016061"   "4068672"   "4077784"   "4131119"   "4141369"   "4164230"   "4193411"   "4215708"   "4219032"   "4246913"   "4256945"   "4259970"   "4303083"   "4319591"   "4393884"   "4431903"   "4436100"   "4463247"   "4503319"   "4505282"   "4507394"   "4562337"   "4570646"   "4580583"   "4621649"   "4623401"   "4637407"   "4659680"   "4659912"   "4732168"   "4735217"   "4771796"   "4776353"   "4788077"   "4837421"   "4846199"   "4848376"   "4874924"   "4877989"   "4891343"   "4922901"   "4945931"   "4947874"   "4947875"   "4966171"   "4981522"   "4991606"   "5040552"   "5060671"   "5076296"   "5093894"   "5095921"   "5144962"   "5157242"   "5159940"   "5224498"   "5235157"   "5249586"   "5274214"   "5285050"   "5322075"   "5353813"   "5369723"   "5388594").PN.	USPAT	OR	OFF	2004/09/02 20:48
S93	414	(knife or blade or die) with (heat near (strap or band or element))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 21:14
S94	4	"83"/\$.ccls. and (knife or blade or die) with (heat near (strap or band or element))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 21:16
S95	4	"83"/\$.ccls. and (knife or blade or die or punch) with (heat near (strap or band or element))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 21:16
S96	6	"83"/\$.ccls. and (knife or blade or die or punch) with (heat near (strap or band or element))	USOCR	OR	ON	2004/09/02 21:17

## EAST Search History

S97	23	"83"/\$.ccls. and (knife or blade or die or punch) and (heat near (strap or band or element))	USOCR	OR	ON	2004/09/02 21:21
S98	31	"83"/\$.ccls. and (knife or blade or die or punch) and (heat near (strap or band or element))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/02 21:22
S99	58	"83"/\$.ccls. and heater with (cut or punch)	US-PGPUB; USPAT	OR	OFF	2004/09/03 11:25
S100	17	"83"/\$.ccls. and heater with (cut or punch)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/03 11:30
S101	62	"83"/\$.ccls. and heater with (cut or punch)	US-PGPUB; USPAT	OR	ON	2004/09/03 11:50
S102	3	"4823660".URPN.	USPAT	OR	OFF	2004/09/03 11:39
S103	2	("3623209"   "3732770").PN.	USPAT	OR	OFF	2004/09/03 11:40
S104	3	"3623209".URPN.	USPAT	OR	OFF	2004/09/03 11:42
S105	5	"4243366".URPN.	USPAT	OR	OFF	2004/09/03 11:49
S106	15	("Re27104"   "2769600"   "2870840"   "2901192"   "2931950"   "2995314"   "3071259"   "3116890"   "3190163"   "3365992"   "3558580"   "3567552"   "3741850"   "4064776"   "4121004").PN.	USPAT	OR	OFF	2004/09/03 11:49
S107	0	(puch or blade or knife or cut\$4) same stop\$4 same recess same conical same registr\$4 same (plastic or workpiece or work or web or sheet)	US-PGPUB; USPAT	OR	ON	2004/09/03 11:53
S108	291	(puch or blade or knife or cut\$4) and stop\$4 and recess and conical and registr\$4 and (plastic or workpiece or work or web or sheet)	US-PGPUB; USPAT	OR	ON	2004/09/03 13:51
S109	123	29/464,465,466,467,468.ccls. and conical	US-PGPUB; USPAT	OR	ON	2004/09/03 14:32
S110	916	29/464.ccls.	US-PGPUB; USPAT	OR	ON	2004/09/03 14:52
S111	406	83/699.31,699.41.ccls.	US-PGPUB; USPAT	OR	ON	2004/09/03 15:29
S112	10	"2313801".URPN.	USPAT	OR	OFF	2004/09/03 15:17

## EAST Search History

S11 3	3	"1939478".URPN.	USPAT	OR	OFF	2004/09/03 15:24
S11 4	547	(die or knife or blade or cut\$4) same adher\$4 same heater	US-PGPUB; USPAT	OR	ON	2004/09/03 15:31
S11 5	57779	"83"/\$.ccls. (die or knife or blade or cut\$4) same adher\$4 same heater	US-PGPUB; USPAT	OR	ON	2004/09/03 15:31
S11 6	12	"83"/\$.ccls. and (die or knife or blade or cut\$4) same adher\$4 same heater	US-PGPUB; USPAT	OR	ON	2004/09/03 15:34
S11 7	246	"83"/\$.ccls. and (die or knife or blade or cut\$4) same heater	US-PGPUB; USPAT	OR	ON	2004/09/03 15:57
S11 8	0	"20020104413".URPN.	USPAT	OR	OFF	2004/09/03 15:41
S11 9	0	"83"/\$.CCLS. AND thermcouple and heat	US-PGPUB; USPAT	OR	ON	2004/09/03 15:58
S12 0	20	"83"/\$.CCLS. AND thermocouple and heat\$4 same die	US-PGPUB; USPAT	OR	ON	2004/09/03 16:03
S12 1	36	(conductive near material) same sensing same absence	US-PGPUB; USPAT	OR	ON	2004/09/03 16:11
S12 2	104	(conductive near material) same sensing same cut\$4	US-PGPUB; USPAT	OR	ON	2004/09/03 16:29
S12 3	0	(conductive near material) same sensing same cut\$4 same absensce	US-PGPUB; USPAT	OR	ON	2004/09/03 16:15
S12 4	1	(conductive near material) same sensing same cut\$4 same absence	US-PGPUB; USPAT	OR	ON	2004/09/03 16:15
S12 5	1	(conductive near material) same sensing same cut\$4 same absence	US-PGPUB; USPAT	OR	ON	2004/09/03 19:52
S12 6	1448	83/171,124,128,15,16,170.ccls.	US-PGPUB; USPAT	OR	OFF	2005/06/23 10:11
S12 7	8	("4051754").URPN.	USPAT	OR	OFF	2005/06/23 11:12
S12 8	0	"405154795"	JPO	OR	OFF	2005/06/23 11:22
S12 9	285065	heat\$4 same blaode same adhesive s bond	JPO	OR	OFF	2005/06/23 11:23
S13 0	717	heat\$4 same blade same adhesive same bond	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/23 11:24

## EAST Search History

S13 1	60	heat\$4 same blade same die same adhesive same bond	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/23 11:24
S13 2	13	("3526694").URPN.	USPAT	OR	OFF	2005/06/23 11:29
S13 3	3	("4823660").URPN.	USPAT	OR	OFF	2005/06/23 11:35
S13 4	3	("3623209"   "3732770").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 11:35
S13 5	3	("3623209").URPN.	USPAT	OR	OFF	2005/06/23 11:36
S13 6	3	("4823660").URPN.	USPAT	OR	OFF	2005/06/23 14:13
S13 7	0	"246"/\$.ccls. and cup and die and blade	USPAT	OR	OFF	2005/06/23 14:14
S13 8	114	"264"/\$.ccls. and cup and die and blade	USPAT	OR	OFF	2005/06/23 14:14
S13 9	5	("5795535").URPN.	USPAT	OR	OFF	2005/06/23 14:15
S14 0	8	("3523474"   "3640666"   "3728062"   "3755522"   "5451356"   "5599598").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 14:16
S14 1	14	("3755522").URPN.	USPAT	OR	OFF	2005/06/23 14:19
S14 2	9	("5393474").URPN.	USPAT	OR	OFF	2005/06/23 14:21
S14 3	2	("6056531").URPN.	USPAT	OR	OFF	2005/06/23 14:22
S14 4	5	("3802308"   "4104349"   "4243456"   "5188787"   "5393474").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 14:22
S14 5	2	("6056531").URPN.	USPAT	OR	OFF	2005/06/23 14:28
S14 6	5	("3802308"   "4104349"   "4243456"   "5188787"   "5393474").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 14:28
S14 7	0	"405154795"	JPO	OR	OFF	2006/01/26 19:37

## EAST Search History

S14 8	0	"405154795"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 19:38
S14 9	12494	OBARA.INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 19:38
S15 0	42	OBARA.INV. AND HEAT AND DIE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 19:44
S15 1	1245	adher\$4 same (die or blade or cut\$4) same heat\$4 same band	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 19:47
S15 2	32	"83"/\$.ccls. and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 19:56
S15 3	0	("1343383").URPN.	USPAT	OR	OFF	2006/01/26 19:55
S15 4	163	"264"/\$.ccls. and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 19:58
S15 5	17875	(heat\$4 near4 (die or knife or blade)) and plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 19:59
S15 6	499	"83"/\$.ccls. and (heat\$4 near4 (die or knife or blade)) and plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 20:01

## EAST Search History

S15 7	150	"83"/\$.ccls. and (heat\$4 near4 (die or knife or blade)) same electric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 20:01
S15 8	19	("4358979").URPN.	USPAT	OR	OFF	2006/01/26 20:07
S15 9	1	("5255588").URPN.	USPAT	OR	OFF	2006/01/26 20:09
S16 0	10	("1543010"   "2171262"   "3461756"   "4175460"   "4358979"   "4581008"   "4700481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/26 20:09
S16 1	2	("2171262").URPN.	USPAT	OR	OFF	2006/01/26 20:12
S16 2	8	("2771105"   "3600816"   "3673907"   "3732611"   "4066111"   "4347882"   "4370908").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/26 20:14
S16 3	8	("2771105"   "3600816"   "3673907"   "3732611"   "4066111"   "4347882"   "4370908").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/26 20:15
S16 4	13	("3587377").URPN.	USPAT	OR	OFF	2006/01/26 20:22
S16 5	14	("1972789"   "2393549"   "3165787"   "3427688"   "3461761"   "3822161"   "3828631"   "3949046").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/26 20:30
S16 6	14	("1972789"   "2393549"   "3165787"   "3427688"   "3461761"   "3822161"   "3828631"   "3949046").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/26 20:31
S16 7	12	("2313801").URPN.	USPAT	OR	OFF	2006/01/27 16:29

## EAST Search History

S16 8	77	("0341204"   "0518596"   "0528240"   "1018520"   "1177055"   "1321896"   "1646413"   "1737500"   "2097693"   "2313801"   "2395083"   "2550299"   "2588809"   "2899849"   "3048069"   "3049039"   "3111877"   "3170342"   "3188900"   "3205750"   "3335628"   "3340758"   "3352187"   "3373643"   "3411208"   "3599520"   "3626799"   "3635115"   "3705526"   "3752042"   "3797351"   "3805657"   "3826170"   "3882614"   "3945287"   "3982458"   "4226143"   "4250786"   "4601228"   "4754677"   "4829854"   "4878407"   "4884484"   "4921154"   "4981061"   "5129295"   "5275076"   "5402698"   "5515749"   "5520080"   "5676032"   "5875699").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/27 16:31
S16 9	8	("4051754").URPN.	USPAT	OR	OFF	2006/01/27 16:38
S17 0	13	("2244550"   "2611434"   "3491651"   "3517410"   "3525279"   "3654829"   "3793424").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/27 16:39
S17 1	10	("3517410").URPN.	USPAT	OR	OFF	2006/01/27 16:40
S17 2	14	("3107567"   "3211034"   "3700150"   "3765285"   "4524660"   "4653365"   "5042336"   "5253559"   "5320013"   "5413018"   "5448933"   "Re34602").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/27 16:49
S17 3	2	("5692423").URPN.	USPAT	OR	OFF	2006/01/27 16:50
S17 4	174	"83"/\$.ccls. and heat same die same (blade or knife)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 18:58
S17 5	9	("2009660"   "3104574"   "3327575"   "3495495"   "3673902").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 19:02
S17 6	9	("3150550").URPN.	USPAT	OR	OFF	2006/06/06 19:45

## EAST Search History

S17 7	4329	heat same die same (blade or knife)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 10:41
S17 8	1250	adhesive and heat same die same (blade or knife)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 10:41
S17 9	10	adhesive and (heat near4 pad) same die same (blade or knife)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 10:46
S18 0	15	(heat near4 pad) same die same (blade or knife)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 10:48
S18 1	11	(electronic near3 heat) same pad same die same (blade or knife)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:09
S18 2	2	(electric near3 heat) same pad same die same (blade or knife)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:20
S18 3	2	("2306835").URPN.	USPAT	OR	OFF	2006/06/07 11:08
S18 4	2	("2306835").URPN.	USPAT	OR	OFF	2006/06/07 11:09
S18 5	29	(electronic near3 heat) same die same (blade or knife)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:09
S18 6	2	("2979836").URPN.	USPAT	OR	OFF	2006/06/07 11:17
S18 7	6	("3249041").URPN.	USPAT	OR	OFF	2006/06/07 11:18

## EAST Search History

S18 8	34	(electric near3 heat) same die same (blade or knife)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:30
S18 9	588	"30"/\$.ccls. and (hair near clip\$4) and attach\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:42
S19 0	0	(adhesive near heat near pad) with (blade or knife or die)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:44
S19 1	6	(adhesive near heat near3 pad) with (blade or knife or die)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:44
S19 2	44	(adhes\$4 near3 heat near3 pad) with (blade or knife or die)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:46
S19 3	44	((adhes\$4 or glue) near3 heat near3 pad) with (blade or knife or die)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:47
S19 4	3533	(adhes\$4 or glue) with pad with (blade or knife or die)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:47
S19 5	114	((adhes\$4 or glue) with pad) near (blade or knife or die)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:49

## EAST Search History

S19 6	96	(adhes\$4 or glue) same pad same electric same heat same (blade or knife or die)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 13:22
S19 7	3	(electric with heat with pad) same die same (knife or blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 13:25
S19 8	138	(electric with heat) same die same (knife or blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 13:25
S19 9	13	("3587377").URPN.	USPAT	OR	OFF	2006/06/07 13:27
S20 0	14	("2866392"   "3064563"   "3186275"   "3587377"   "4148236"   "4233011"   "4449434"   "4489630"   "4527473"   "4768433").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/07 13:34
S20 1	6	("5022295").URPN.	USPAT	OR	OFF	2006/06/07 13:34
S20 2	5	("3144372").URPN.	USPAT	OR	OFF	2006/06/07 17:33
S20 3	190	"29"/\$.ccls. and press and stop and register and (workpiece or work or material)	USPAT	OR	OFF	2006/06/07 17:45
S20 4	207318	"100"/\$.ccls. and press and stop and register and (workpiece or work or material) ane die	USPAT	OR	OFF	2006/06/07 17:46
S20 5	207367	"100"/\$.ccls. and stop and register and (workpiece or work or material) ane die	USPAT	OR	OFF	2006/06/07 17:47
S20 6	17558	"100"/\$.ccls. and stop and register and (workpiece or work or material) ane die and conical	USPAT	OR	OFF	2006/06/07 17:47
S20 7	10445	"100"/\$.ccls. and stop and register and (workpiece or work or material) ane die and conical and plate	USPAT	OR	OFF	2006/06/07 17:47
S20 8	4719	"100"/\$.ccls. and stop and register and (workpiece or work or material) ane die and conical and plate and blade	USPAT	OR	OFF	2006/06/07 17:47

## EAST Search History

S20 9	4264	"100"/\$.ccls. and stop and register and (workpiece or work or material) and die and conical and plate and blade and (film or thermoplastic)	USPAT	OR	OFF	2006/06/07 17:49
S21 0	4647	"29"/\$.ccls. and stop and register and (workpiece or work or material) and die and conical and plate and blade and (film or thermoplastic)	USPAT	OR	OFF	2006/06/07 17:49
S21 1	4805	"29"/\$.ccls. and stop\$4 and register and (workpiece or work or material) and die and conical and plate and blade and (film or thermoplastic)	USPAT	OR	OFF	2006/06/07 17:50
S21 2	0	"29"/\$.ccls. and stop\$4 same register same (workpiece or work or material) same die same plate same blade same (film or thermoplastic)	USPAT	OR	OFF	2006/06/07 17:50
S21 3	0	"100"/\$.ccls. and stop\$4 same register same (workpiece or work or material) same die same plate same blade same (film or thermoplastic)	USPAT	OR	OFF	2006/06/07 17:51
S21 4	0	"100"/\$.ccls. and stop\$4 same register same (workpiece or work or material) and die same plate same blade same (film or thermoplastic)	USPAT	OR	OFF	2006/06/07 17:51
S21 5	0	"100"/\$.ccls. and stop\$4 same register same (workpiece or work or material) and die and plate and blade and (film or thermoplastic)	USPAT	OR	OFF	2006/06/07 17:51
S21 6	1	"100"/\$.ccls. and stop\$4 and register and (workpiece or work or material) and die and plate and blade and (film or thermoplastic)	USPAT	OR	OFF	2006/06/07 17:52
S21 7	1343	29/464.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 17:54
S21 8	0	264/89.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:02

## EAST Search History

S21 9	21	((die or knife) with stop\$4) same register same plastic same press	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:12
S22 0	3	("2518565").URPN.	USPAT	OR	OFF	2006/06/07 18:08
S22 1	3	("1992314").URPN.	USPAT	OR	OFF	2006/06/07 18:10
S22 2	348	((die or knife) with stop\$4) same plastic same press	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:13
S22 3	3	("3423271").URPN.	USPAT	OR	OFF	2006/06/07 18:30
S22 4	11	("2965932").URPN.	USPAT	OR	OFF	2006/06/07 18:40
S22 5	13	("2618311"   "2965932"   "3318748"   "3519514"   "3523474"   "4145240"   "4181551"   "4234536").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/07 18:42
S22 6	18	("2953814"   "2965932"   "3054714"   "3122598"   "3187069"   "3240851"   "3247550"   "3349155"   "3358062").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/07 18:48
S22 7	36	("3240851").URPN.	USPAT	OR	OFF	2006/06/07 18:52
S22 8	22	("0430914"   "3240851"   "3461756"   "3502761"   "3518334"   "3523474"   "3564655"   "3656381"   "3679803"   "3785762"   "3808927"   "3924499"   "4381278"   "4477243"   "4624162").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/07 18:55
S22 9	13	("4844852").URPN.	USPAT	OR	OFF	2006/06/07 18:55

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3662	83/171,124,128,15,16,170,128,129,130,131,132,133,134,135,136,137,138,182,699.31.699.41.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:00
L2	7508	264/154,138,153,154,155,237,319,348,157.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:20
L3	1923	425/289,384.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:20
L4	6188	156/250,251,252,510,515.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:21
L5	2152	29/464,465,466,467,468.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:21
L6	21023	1 or 2 or 3 or 4 or 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:21
L7	1427	6 and knife and heat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:22

## EAST Search History

L8	3888	83/171,124,128,15,16,170,128,129, 130,131,132,133,134,135,136,137, 138,182,699.31.699.41,123.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:00
L9	380	8 and heat same (knife or blade)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:16
L10	44	83/171,170,182,123,16,699.31.ccls.	US-PGPUB	OR	ON	2006/09/18 18:17
L11	8	29/465.ccls.	US-PGPUB	OR	ON	2006/09/18 18:17
L12	155	264/138,157.ccls.	US-PGPUB	OR	ON	2006/09/18 18:17
L13	207	10 or 11 or 12	US-PGPUB	OR	ON	2006/09/18 18:17